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Title

LC-MS/MS simultaneous quantitation of 2-hydroxyethylated, oxidative, and unmodified DNA nucleosides in DNA isolated A novel approach for concurrent quantitation of glutathione, glutathione disulfide, and 2-hydroxyethylated glutathione ii Evaluation of genome damage in subjects occupationally exposed to possible carcinogens Contrasting growth properties of Nocardoides JS614 on three different vinyl halides Improved Sterilization of Sensitive Biomaterials with Supercritical Carbon Dioxide at Low Temperature Effect of sterilization processes on the properties of a silane hybrid coating applied to Ti6Al4V alloy The effect of sterilization on silk fibroin biomaterial properties Influence of Sterilization Technologies on Electrospun Poly(ester urea)s for Soft Tissue Repair Genotoxicity of ethylene oxide: A review of micronucleus assay results in human population Chemical modifications of therapeutic proteins induced by residual ethylene oxide Carcinogenicity of ethylene oxide: key findings and scientific issues The effect of terminal sterilization on the material properties and in vivo remodeling of a porcine dermal biologic scaffold Sterilization of collagen scaffolds designed for peripheral nerve regeneration: Effect on microstructure, degradation and Dose and temporal evaluation of ethylene oxide-induced mutagenicity in the lungs of male big blue mice following inhalation Skin Absorption of Ethylene Oxide Gas Following Exposures Relevant to HAZMAT Incidents N-(2-Hydroxyethyl)-L-valyl-L-leucine in rat urine as a hydrolytic cleavage product of ethylene oxide adduct with globin Understanding the importance of low-molecular weight (ethylene oxide- and propylene oxide-induced) DNA adducts and Improving risk assessment approaches for chemicals with both endogenous and exogenous exposures Analysis of 18 urinary mercapturic acids by two high-throughput multiplex-LC-MS/MS methods [Carcinogenic and mutagenic agents in the workplace, Poland, 2011-2012] Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years [Hemoglobin adducts as biomarkers of human exposure to selected xenobiotics] Assessment of exposure to VOCs among pregnant women in the National Children's Study Health- and vegetative-based effect screening values for ethylene Assessing the environmental, human health, and economic impacts of reprocessed medical devices in a Phoenix hospital Exposure to Nicotine and Selected Toxicants in Cigarette Smokers Who Switched to Electronic Cigarettes: A Longitudinal Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-sectional Adolescent Exposure to Toxic Volatile Organic Chemicals From E-Cigarettes Antiseptics, Disinfection Sterilization - Methods Used in Dentistry Ethylene Oxide and Hydrogen Peroxide Gas Plasma Sterilization: Precautionary Practices in U.S. Hospitals Conception and validation of a protocol for reuse of non-irrigated electrophysiology catheters in a Brazilian teaching hospital Identification and quantification of ethylene oxide in sterilized medical devices using multiple headspace GC/MS measurement Prevalence of delayed-type and immediate-type hypersensitivity in healthcare workers with hand eczema Type I allergic hypersensitivity reactions due to ethylene oxide sterilised leucocyte filters in patients with thalassaemia: report Prioritization of reproductive toxicants in unconventional oil and gas operations using a multi-country regulatory data-driven approach Urinary metabolites of volatile organic compounds of infants in the neonatal intensive care unit Recurrent anaphylaxis during cardiac catheterization due to ethylene oxide High-throughput, simultaneous quantitation of hemoglobin adducts of acrylamide, glycidamide, and ethylene oxide using Anaphylactic Shock at the Beginning of Hemodialysis Solvent or thermal extraction of ethylene oxide from polymeric materials: Medical device considerations Anesthetic management of a patient allergic to ethylene oxide: a case report Derivation of endogenous equivalent values to support risk assessment and risk management decisions for an endogenous Use of omalizumab for the prevention of intraoperative anaphylaxis due to ethylene oxide sensitization in a patient with Determination of N-(2-hydroxyethyl)valine in globin of ethylene oxide-exposed workers using total acidic hydrolysis and An LC-MS/MS method to profile urinary mercapturic acids, metabolites of electrophilic intermediates of occupational and Ethylene oxide and risk of lympho-hematopoietic cancer and breast cancer: a systematic literature review and meta-analysis

Reevaluation of Historical Exposures to Ethylene Oxide Among U.S. Sterilization Workers in the National Institute of Occupational Safety and Health's National Occupational Hazard Survey  
Peak exposures in epidemiologic studies and cancer risks: considerations for regulatory risk assessment  
Validity of the Lymphocyte Cytokinesis-Block Micronucleus Assay (L-CBMN) as biomarker for human exposure to chemicals  
Telemetry in intracranial pressure monitoring: sensor survival and drift  
A cluster of central retinal artery occlusions following cataract surgery  
Optimization and Validation of HS-SPME-GC/MS Method for Determination of Multifumigant Residues in Grain, Oilseeds, and Nuts  
Anaphylactic reaction to ethylene oxide in a hemodialysis patient  
Ethylene oxide as an occupational contact allergen - an underestimated problem?  
The essential chemical industry-online: Epoxyethane (ethylene oxide)  
Updated modeling indicates historical sterilization worker ethylene oxide exposures were higher than assumed in the US

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Supplemental Material Type -> Non-inhalation route of administration      Exposure

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**Non-inhalation route of administration**

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Non-inhalation route of administration

**Note**

lab approach for DNA adduct

lab approach for GST, etc

genome damage in subjects occupationally exposed to possible carcinogens

sterilization effect on biomaterial

sterilization effect on biomaterial

dentist sterilization and toxicity effect

sterilization effect on biomaterial

sterilization effect on biomaterial

**review of EtO-induced genotoxicity**

sterilization effect on biomaterial

Jinot/Sury

sterilization effect on biomaterial

collagen scaffolds for peripheral nerve regeneration: EtO effect on microstructure, degradation and cellular colonization

ethylene oxide-induced mutagenicity in the lungs of male big blue mice

Heath/Hazmat/In vitro skin

rat urinary metabolites of EtO

Pottenger 2019/ DNA adducts

**2019 Farland paper on endogenous**

lab approach

exposure data

urine metabolite btw smokers and nonsmokers

hemoglobin adduct (foreign lang.)

VOC exposure

**This is a TCEQ paper about Etyhylene**

general exposure scenario

exposure to e-cigarette

Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-se-

Teenage exposure to e-cigarette

exposure scenairo using sterilization equip

general exposure scenario in hospitla sterlization

EtO residual in medical equipment

lab tech

**Increase allergy prev, but p>0.05**

allerge response

**General discussion of chemical exposure database**

urinary biomarkers

allerge response

lab technology

allerge response

**Study residual EtO from medical equipment**

allerge response

Kirman 2017

Tontini, C./allergy report

hemoglobin adduct

lab method for urine metabolite

**Marsh Epi review paper (p>0.05)**

Bogen 2019 exposure recontrsut  
Checoway peak exposure  
biomarker for exposure assesment  
allerge response  
allerge response  
lab method for EtO residual measurement  
Anaphylactic reaction in exposure to residual EtO

2018 Filser refernce  
Li conf. paper (ACC) in SOT

Mixture

Case reports

No original data

Supplemental Material Type -> Conference abstracts

also fit mixture

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Case reports (n=4)

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Case reports

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Mixture

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Mixture	No original data/review
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